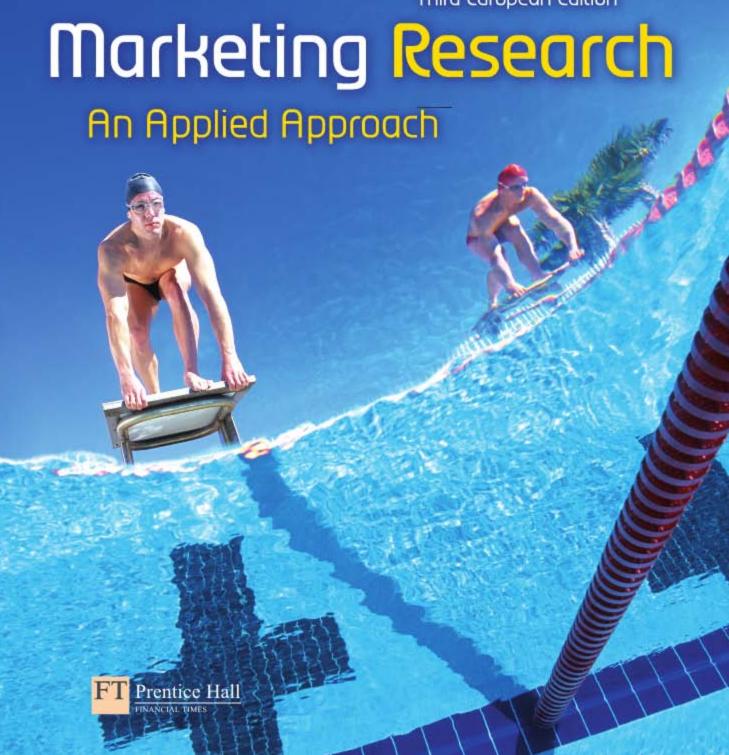
Naresh K. Malhotra David F. Birks

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Third Edition

Marketing Research An Applied Approach

Naresh K. Malhotra David F. Birks



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To the memory of Harry Birks

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Preface



Working as a marketing researcher is a very creative task. This creativity is nurtured by an industry and a discipline that is undergoing enormous changes. Decision-makers that use marketing research are demanding greater value for their research spend, a much quicker turnaround of research projects and more insight to, and integration of, any information collected. Industry competition is emerging and growing from suppliers of competitive intelligence, management consultants, customer database analysts and low-cost survey suppliers using new technologies. In addition, respondents are becoming more aware of the value of their knowledge. With many surveys used to generate news items or sales leads, respondents are more sceptical of the motives and value of surveys, creating major challenges for the genuine marketing researcher. These challenges also create enormous opportunities for marketing researchers who use their skills to fully grasp the changes occurring in today's business world.

Marketing researchers must be able to cope with the technical challenges to plan, gather, analyse and interpret information. They must be aware of the challenges faced by the array of decision-makers that trust sound marketing research. They must be able to empathise with the people they aim to question and observe, and to treat them with care and respect. Marketing researchers that rise to the emerging challenges can have a genuine impact on the strategic direction of a company. Their future is very bright, stimulating and rewarding.

Understanding the emerging marketing research challenges, developing creativity, finding the confidence to conduct research and to discover insight in findings may seem difficult with so many options to consider. This is where we believe Marketing Research: An Applied Approach, Third European Edition can help. Founded on the enormously successful American editions and the First and Second European editions, this text aims to be comprehensive, authoritative and applied. This edition includes an array of European and international examples, practices and illustrations. It portrays a balance of qualitative and quantitative approaches to conducting research that allows the creative support of decision-makers. It will guide the reader through the challenges faced in conducting marketing research of the highest quality. This is achieved through an appropriate blend of scholarship with a highly applied and managerial orientation.

The book

The book is written for use at both the undergraduate and postgraduate levels. The coverage is comprehensive and the depth and breadth of topics are well suited to both levels. The material is presented in a manner that is easy to read and understand. There are numerous diagrams, tables and examples to help explain and illustrate the basic concepts. If a chapter does not cover a particular topic in sufficient depth, there are numerous references to follow a line of enquiry. The web addresses presented throughout allow for further illustration of ideas and, in many instances, demonstration versions of software. The companion website presents a Marketing Research Software section, links to the book's companion Marketing Research agency – Sports Marketing Surveys – more European cases, exercises and web links.

Marketing research is defined as a topic with a clear demonstration of how it may support effective decision-making. This definition is set in the context of the nature and dynamics of the marketing research industry. The limitations of marketing research are recognised, as are other means of information support that decision-makers turn to. The process of conducting marketing research is described in six stages. Each of these stages is fully described and illustrated. Working out an approach and research design is discussed as a foundation to administering techniques. The justification for the use of qualitative and quantitative techniques is made, with a demonstration of how they may mutually support each other. The administration of a broad range of qualitative and quantitative techniques is presented. Sampling issues for both qualitative and quantitative studies are discussed. Issues of ensuring the quality of data and preparing for data analysis are covered. Qualitative data analysis is discussed in detail. Quantitative data analysis from simple descriptive statistics to sophisticated multivariate techniques is worked through in seven chapters. Presenting research findings in both oral and written formats is covered, with an emphasis on ensuring that the interpretation of research findings really supports decision-makers.

Applications of marketing research in an international context are tackled in most chapters; this vital topic also has a distinct chapter in its own right. Applying marketing research in a b2b context is illustrated in many parts of the text but, as a vital topic for the industry with many challenges, it has a distinct chapter in its own right. The ethical practice of marketing research and the dilemmas that researchers face are also tackled in most chapters. Discussion of the impact of the Internet and IT on marketing research is integrated throughout the text but is also dealt with at the end of each chapter.

Being an excellent marketing researcher requires an appreciation of, and continual practice of, all the elements discussed in this text. This book firmly sets you on that path of creativity and excellence.

New for this edition

Revisions to existing chapters We have retained the most desirable features of the first five American editions and the first two European editions. In all chapters that tackle quantitative techniques and analysis, none of the well-regarded material has been lost. Changes have been made to improve the clarity of explanations, with many new examples and updated references. Developments in the use of databases have made substantial changes in how decision-makers are supported. These developments are tackled in the revisions to the chapter that covers 'internal secondary data and the use of databases'. In the chapter devoted to qualitative data analysis, particular emphasis has been placed upon clarifying the nature of grounded theory, content analysis and semiotics. In the chapter devoted to correlation and regression, a new section is devoted to structural equation modelling. All chapters have benefitted from more up-to-date references and, where appropriate, more relevant examples that reflect the European and international focus. At the end of each chapter, a new section is presented with five stimulating Exercises that can be conducted individually or in teams, both in and out of the classroom.

Web links The pace of new technological developments in the marketing research industry is breathtaking. Trying to keep up with them is a thankless task, It can be guaranteed that as soon as any publication hits the shelves, much material on technology can be out of date. Many of the new developments that have a demonstrable impact on the practice of marketing research, especially through the use of the Internet, have been incorporated into each chapter. To maintain the currency of technology, the web addresses of the major research associations, national statistical bodies, and research organisations are presented. The web addresses of major suppliers of qualitative analysis packages, questionnaire design, survey processing and statistical analysis are also presented. Care has been taken to choose those where good case illustrations and demo versions are available, in a variety of formats to suit individual users.

CD demonstration software The CD that accompanies this edition contains demonstration software for quantitative and qualitative researchers.

- Snap8 www.snapsurveys.com is powerful user-friendly software that has driven standards in survey design and analysis in the marketing research industry for over 25 years. It is now used in over 50 countries worldwide. With Snap8, questionnaires can be created and published for surveys that use paper, web, email and computer-assisted personal and telephone interviews. It can then offer options to key or scan data or even to collect data automatically. Survey results can be analysed, statistics calculated and tables and charts produced. These features briefly summarise how the software helps to manage a great array of survey designs. By working through the demo, the detail of support in survey design, i.e. the array of functions available, will become apparent. The demo will bring to life the challenges to questionnaire and survey designers and the solutions they use in practice.
- XSight www.qsrinternational.com is a new product that offers customised data analysis software for qualitative marketing researchers. The software has been developed by QSR International who are world leaders in qualitative research software as used in a variety of applications. Academic marketing researchers that use qualitative analysis software would be familiar with QSR's NVivo package, which we discuss in Chapter 9. In this chapter, we discuss why for many practitioner qualitative marketing researchers, manual methods or basic computer-based methods have been the norm. XSight has been developed in close consultation with practitioner marketing researchers to bridge the gap between the packages designed for the needs of academics and traditional manual methods. The demo will bring to life the challenges faced by qualitative researchers in the amount and nature of qualitative data they may collect and how they make sense of that data.

Sports Marketing Surveys There is a new 'companion' marketing research agency, whose work forms a running case throughout the text. In most chapters, examples will be presented based upon work conducted by the marketing research agency Sports Marketing Surveys. This independent marketing research agency has specialised in the sponsorship and sports industry for the past 20 years. The sports industry and many sponsorship deals are often multi-country in their reach and activity and to meet these challenges Sports Marketing Surveys has the capability of working and reporting on a worldwide basis, in over 200 countries, for events such as the Olympic Games, Wimbledon, the Ryder Cup and the Football World Cup. Work from four projects conducted by Sports Marketing Surveys will be used as running examples throughout this book:

Racetrack 2003 – a syndicated study to measure the attitudes and opinions of, and profile, the Formula One fan across eight countries worldwide.

Nestea - sponsorship evaluation in 'Wind, Water and Waves' Hungary and Germany, and Beach Volleyball in Italy, Germany and Sweden.

Flora London Marathon 2004 - TV media analysis, public awareness tracking and target market research.

Rugby League – understanding and quantifying the core values of Rugby League and new branding concepts for the game.

Elements of these commercially sensitive projects will be chosen to show how Sports Marketing Surveys managed the challenges of conducting actionable marketing research. There will also be a distinct section on the companion website devoted to Sports Marketing Surveys.

Companion website The companion website has been updated to reflect the changes in this edition. There are new European case studies with discussion points and questions to tackle. All the referenced websites on the text are described with notes of key features to look for on a particular site.

There is a new section on the website devoted to Marketing Research Software. This section is based upon the work of three contributors:

Peter Wills is the CEO of SNAP Surveys and a Senior Visiting Fellow at the University of Southampton. He has contributed to the first two editions of this text, writing Professional Perspectives on the impact of the Internet on marketing research and how technology changes affect questionnaire and survey design. Peter has helped a huge variety of organisations with marketing research problems. As well as the SNAP software, his business encompasses training, software implementation and bespoke survey and questionnaire design, data entry, analysis and reporting; especially utilising the Internet but also incorporating the latest technological developments to capture data. He has worked directly with research users and research companies.

Tim Macer is the Managing Director of Meaning and a Senior Visiting Fellow at the University of Southampton. He has established a reputation internationally as an authoritative and independent analyst and commentator on software for survey research, data collection and analysis. He is often called on by industry bodies such as the Association of Users of Market Research Agencies (AURA), the Council of American Survey Research Organisations (CASRO), the Marketing Research Association (MRA) and the Market Research Society (MRS) to speak as an impartial commentator at conferences or training events. Tim regularly contributes to two industry-respected magazines – Research in the UK and Quirk's Review in the USA – on software and technology. He has contributed to the first two editions of this text, allowing access to his published reviews of the huge variety and applications of software that support marketing research activity.

Karen Thomas is the marketing director of QSR International. She is responsible for their Marketing Strategy, Communications, Customer Service and Business Analyst functions. Karen drew experience from working in Australia and the UK, including senior management positions with a global IT firm and consultancy. QSR are the world's leading supplier of qualitative data analysis software. Their products – NVivo, N6 and XSight – are used in over 90 countries throughout the world. More researchers use QSR products than all other qualitative research software. Karen's work on the marketing research impact of XSight illustrates the innovations of a company with over 20 years' experience in data analysis software development and an in-depth understanding of qualitative research.

Instructors manual The instructors manual is very closely tied to the text, but is not prescriptive in how the material should be handled in the classroom. The manual offers teaching suggestions, answers to all end-of-chapter questions, Professional Perspective discussion points, and case study exercises. The manual includes PowerPoint slides, incorporating all the new figures and tables.

Photography Photographs that accompany any management textbook may be perceived as trivial and mere embellishments. I do not take this view. I see textbook photographs as a means to encapsulate the essence of a subject, its joys and its challenges. In putting together the new colour photographs for this edition, I wanted images that portray the competitiveness, dynamism and creativity of marketing research. The work of Sports Marketing Surveys and many of the other text examples exemplify these characteristics, and the images amplify them. The four-colour design of the book portrays the vitality of marketing research. Some of the images in this edition have a serious intent, linking a particular image to concepts and aiding the recall of a concept. Others are there to lighten the sometimes difficult technical passages. In their own right, each image has many technical and artistic merits.

Acknowledgements

Many people have been most generous in helping me to write the three European editions.

In developing the critical approach I take in marketing research practice and writing, I must thank my Consumer Behaviour teacher and PhD supervisor, John Southan of Salford University. My friend and former work colleague, the late Kevin Fogarty, deserves special mention for his humour, creativity and for shaping many of the values I continue to hold dear.

Many thanks must go to Stephen Proctor, Managing Director of Sports Marketing Surveys Ltd. I enjoyed working with the fascinating case material of a truly inspirational marketing research company. Many thanks also to Sandra Greer, John Bushell and Erica George, who supported my work with great patience and care.

In putting together the Marketing Research Software section, the demonstration versions of SNAP and XSight and for support in many aspects of my thinking and writing I would like to thank Tim Macer, Karen Thomas and Peter Wills.

For their critique, insight and excellent feedback, I am most grateful to Dr Johan van Rekom of the Erasmus University Rotterdam, Professor Peter Navde of Manchester Business School and Professor David Ford of the University of Bath.

To David Cox at Pearson Education with whom I started this edition, I'm so glad that you've returned from your trip around the globe to see it through! David has been very patient, kind and helpful through some trying times. His advice has always been incisive and inspiring, and he's managed me with great humour and a superb eye for detail. I could not have had better support and I'm very much in your debt.

At Pearson Education the book has also come together with the help of Georgina Clark-Mazo, Desk Editor; Kelly Meyer, who designed the cover; Colin Reed, who helped with the internal design; and Andrew Harrison, Editorial Assistant.

Last but by no means least, to be able to find the time and space to write, the love, support and understanding of your family is vital. Thank you so much mum for all your love. To my partner Helen, enormous thanks and love for all you have put up with in giving me the space and peace to write and to my beautiful son Jesse, who with Helen brings me so much light and joy.

David F. Birks

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Guided tour



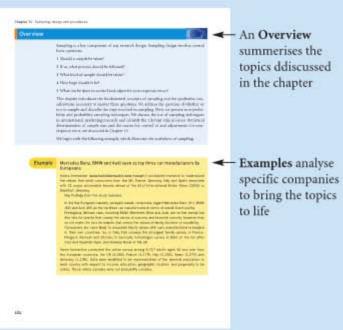
Full colour photography throughout vibrantly illustrates key points and examples



Stage flowcharts show how the chapter fits into the six stages of the marketing research process



 Objectives at the beginning of each chapter outline what you should expect to learn from the chapter



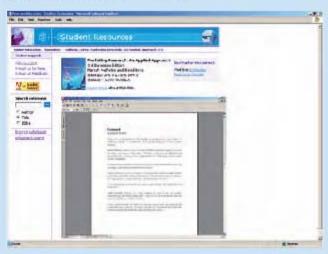
Marginal definitions highlight the key terms in the text

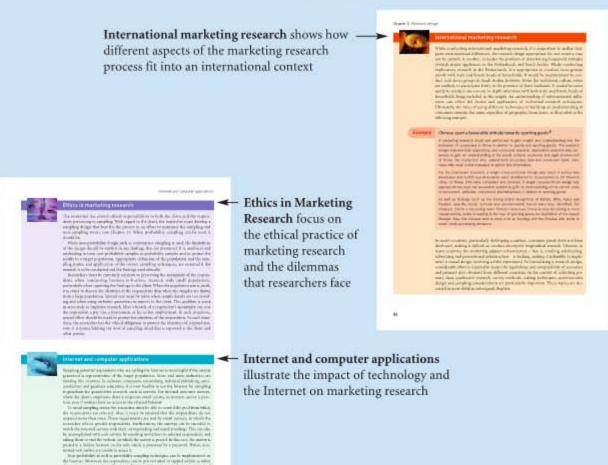
A Glossary of these terms is provided both at the end of the book and on the website at www.pearsoned.co.uk/malhotra_euro



 Focus on Sports Marketing Surveys is a set of sports marketing case studies that run throughout the text, including material on the Olympics, Formula One racing and Beach Volleyball

Take these case studies further at www.pearsoned.co.uk/malhotra_euro







Test yourself at the end of each chapter with a set of Questions

Exercises help you to apply what you have learnt, by testing your understanding in a practical context



Test your understanding of the key concepts with Flash Cards at the Marketing Research website

Figure 18: Emission in College, Sun attended wind product recognition of the college and the c

 Notes at the end of each chapter list sources to help you take your reading further

About the authors





Dr Naresh K. Malhotra is Regents' Professor, DuPree College of Management, Georgia Institute of Technology. He is listed in Marquis Who's Who in America, 51st Edition (1997), 52nd Edition (1998), 53rd Edition (1999), and in the National Registry of Who's Who (1999).

In an article by Wheatley and Wilson (1987 AMA Educators' Proceedings), Professor Malhotra was ranked number one in the country based on articles published in the *Journal of Marketing Research* from 1980 to 1985. He also holds the all-time record for the most publications in the *Journal of Health Care Marketing*. He is ranked number one based on publications in the *Journal of the Academy of Marketing Science* (JAMS) from its inception through volume 23, 1995. He is also number one based

on publications in JAMS from 1986 to 1995. He is listed as one of the best researchers in marketing in John Fraedrich, 'The best researchers in marketing,' Marketing Educator (Summer 1997), p. 5.

He has published more than 75 papers in major refereed journals including the Journal of Marketing Research, Journal of Consumer Research, Marketing Science, Journal of Marketing, Journal of Academy of Marketing Science, Journal of Retailing, Journal of Health Care Marketing, and leading journals in statistics, management science and psychology. In addition, he has also published numerous refereed articles in the proceedings of major national and international conferences. Several articles have received research awards.

He was Chairman, Academy of Marketing Science Foundation, 1996–1998, and was President, Academy of Marketing Science, 1994–1996, and Chairman of the Board of Governors from 1990 to 1992. He is a Distinguished Fellow of the Academy and Fellow of the Decision Sciences Institute. He serves as an Associate Editor of Decision Sciences Journal and has served as Section Editor, Health Care Marketing Abstracts, Journal of Health Care Marketing. Also, he serves on the Editorial Boards of eight journals.

His book entitled Marketing Research: An Applied Orientation, Third Edition, was published by Prentice Hall, Inc. An International Edition and an Australian Edition of his book have also been published, along with a Spanish translation. The book has received widespread adoption at both the graduate and undergraduate levels with more than 100 schools using it in the USA.

Dr Malhotra has consulted for business, non-profit and government organisations in the USA and abroad and has served as an expert witness in legal and regulatory proceedings. He is the winner of numerous awards and honours for research, teaching and service to the profession.

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David has continued to practise marketing research throughout his university career, managing projects in financial institutions, retailers, industrial organisations, local authorities and charities. He has managed projects as part of undergraduate, MSc, MBA and PhD degree programmes. He was the Head of Marketing Research on the GlobalCash Project, a major study of European cash management banking practices that ran from 1994 to 2004. David helped to develop the research design, research instruments and analyses by coordinating the demands of major pan-European and American banks, and the research requirements of 19 business schools throughout Europe. He edited and made a major contribution to the text Global Cash Management in Europe that resulted from the combined research efforts of colleagues in Britain, Denmark, Germany, Ireland, Italy, Norway and Sweden. He has published further research from GlobalCash with colleagues from Aarhus, Denmark. In addition to his Cash Management work, David's publications have covered the fields of Housing, Statistics, Marketing and Information Systems.

David lives in the heart of the city of Winchester in Hampshire. From this very English setting, he brings a cosmopolitan background to this European edition, having an English father, German mother, French grandfather and Belgian great-grandparents.